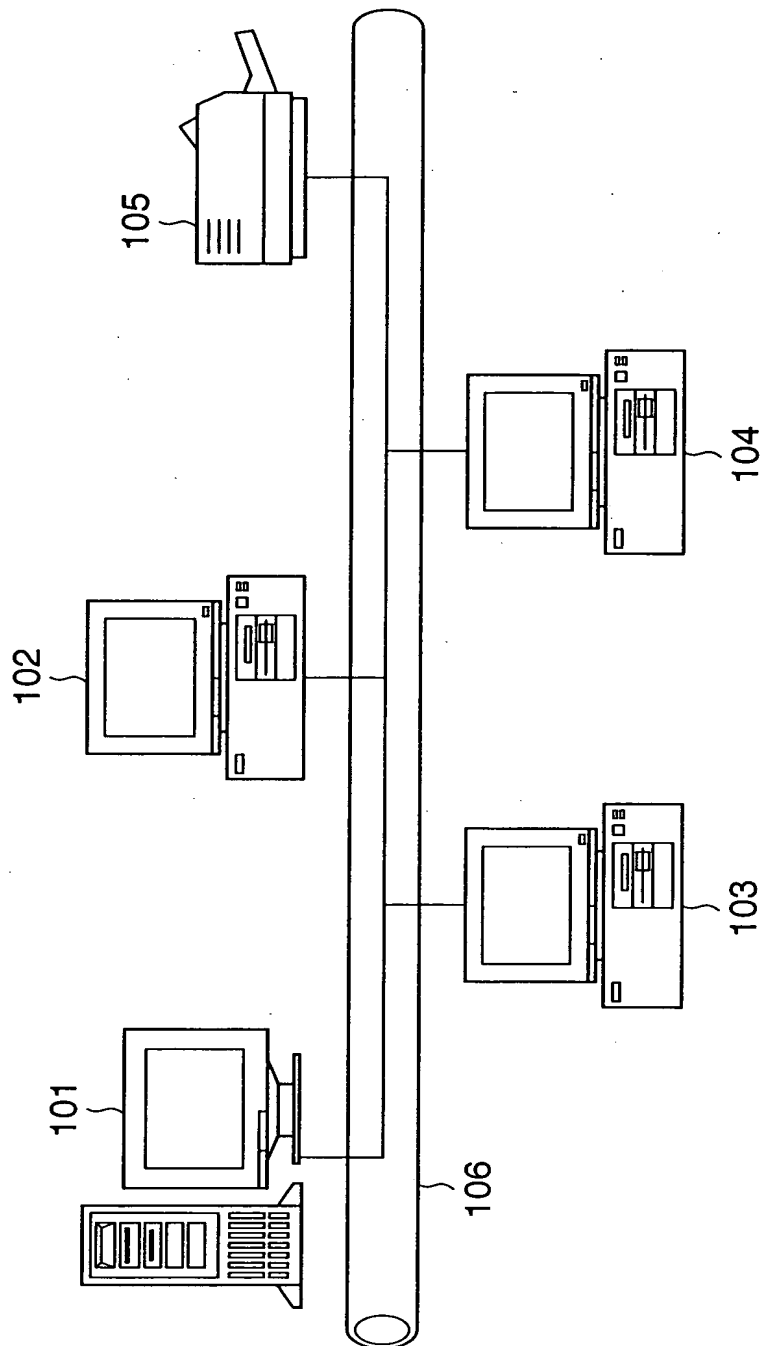


FIG. 1



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FIG. 2

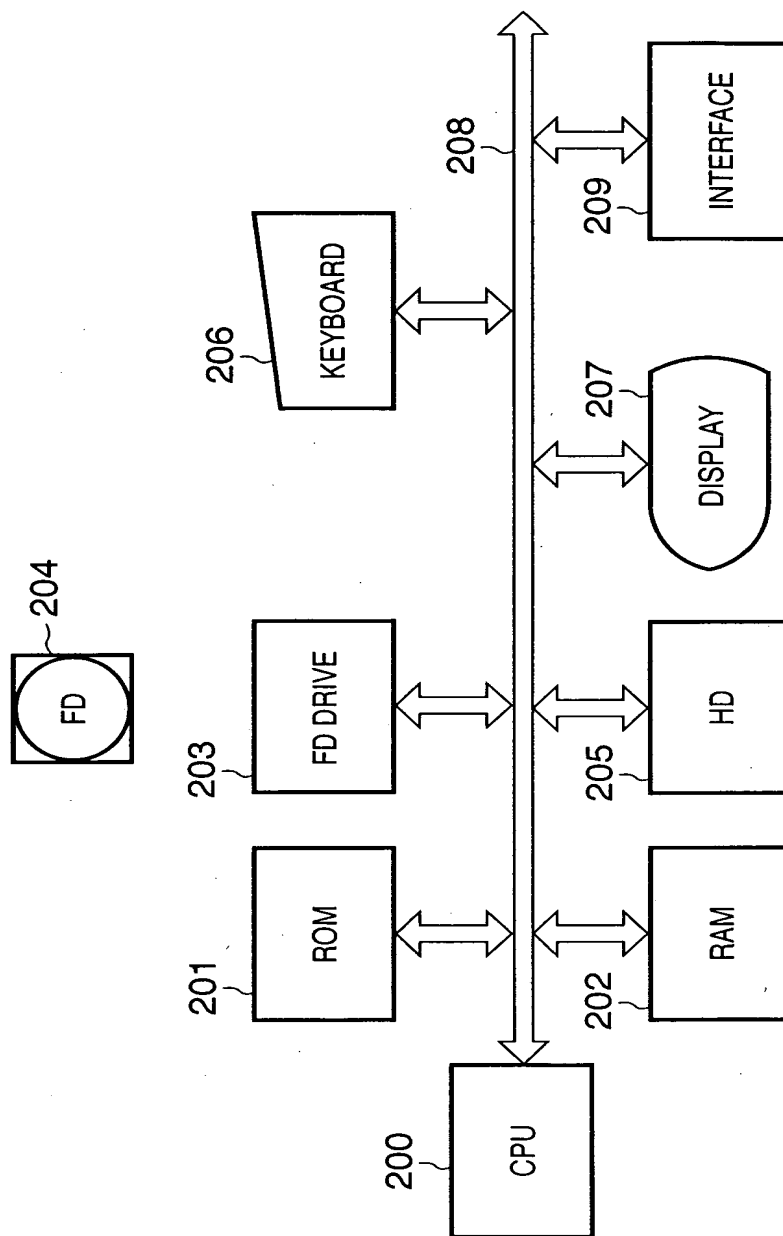
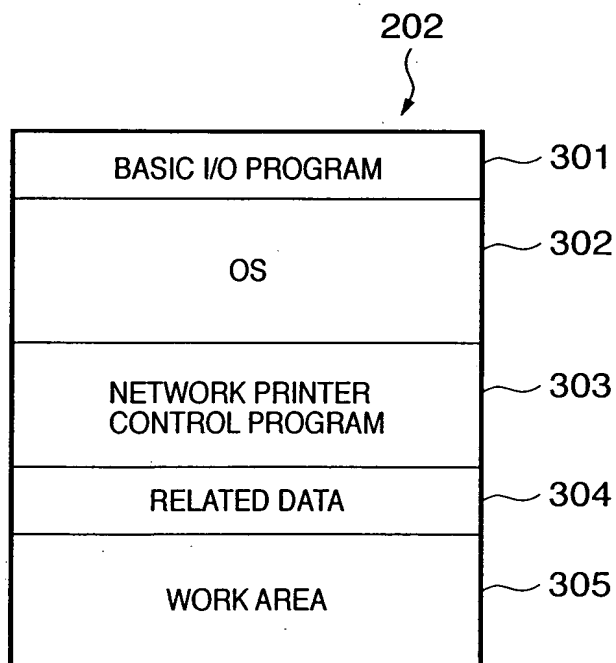
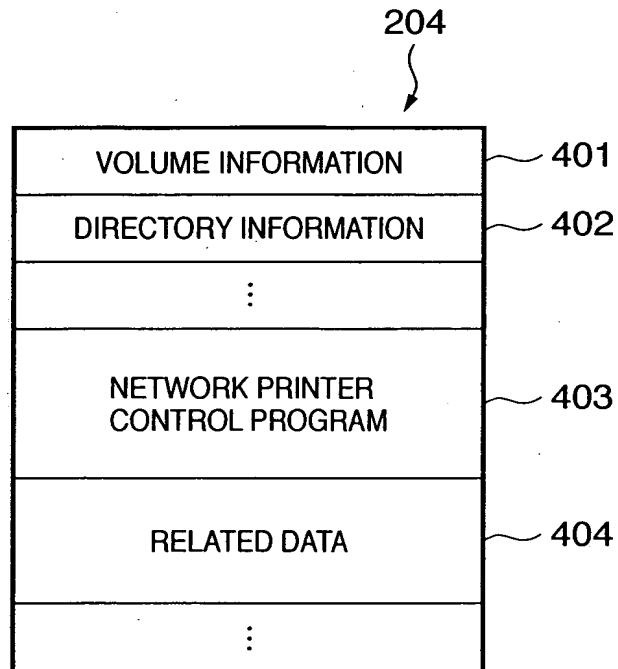


FIG. 3



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FIG. 4

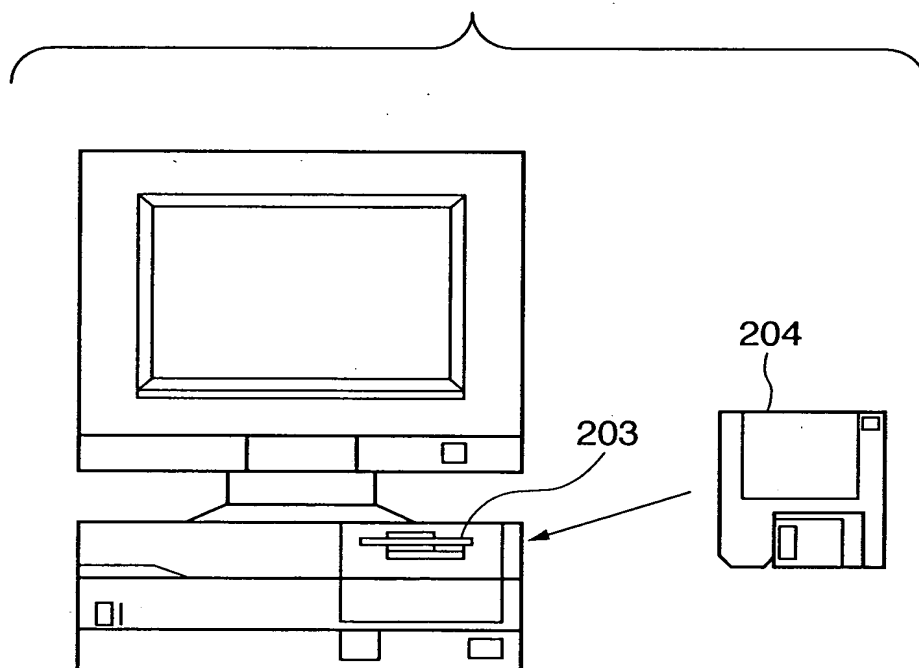


INVENTOR: JUNKO SATO
TITLE: METHOD OF CONTROLLING
PRINTING CONTROL APPARATUS
Sheet 5 of 20 Appln. No. 10/733,296
Docket No.: 00862.023383

FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

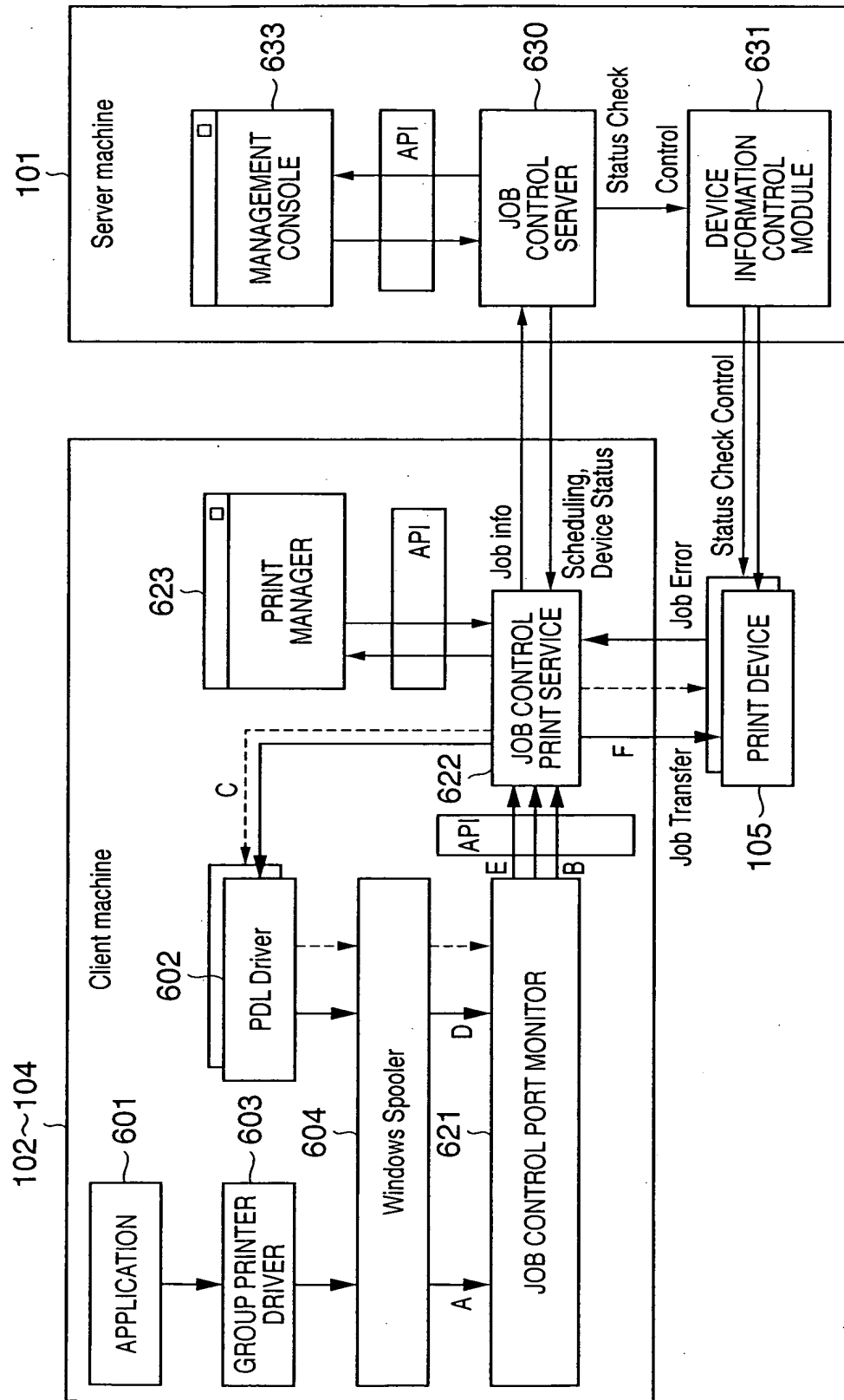
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FIG. 5



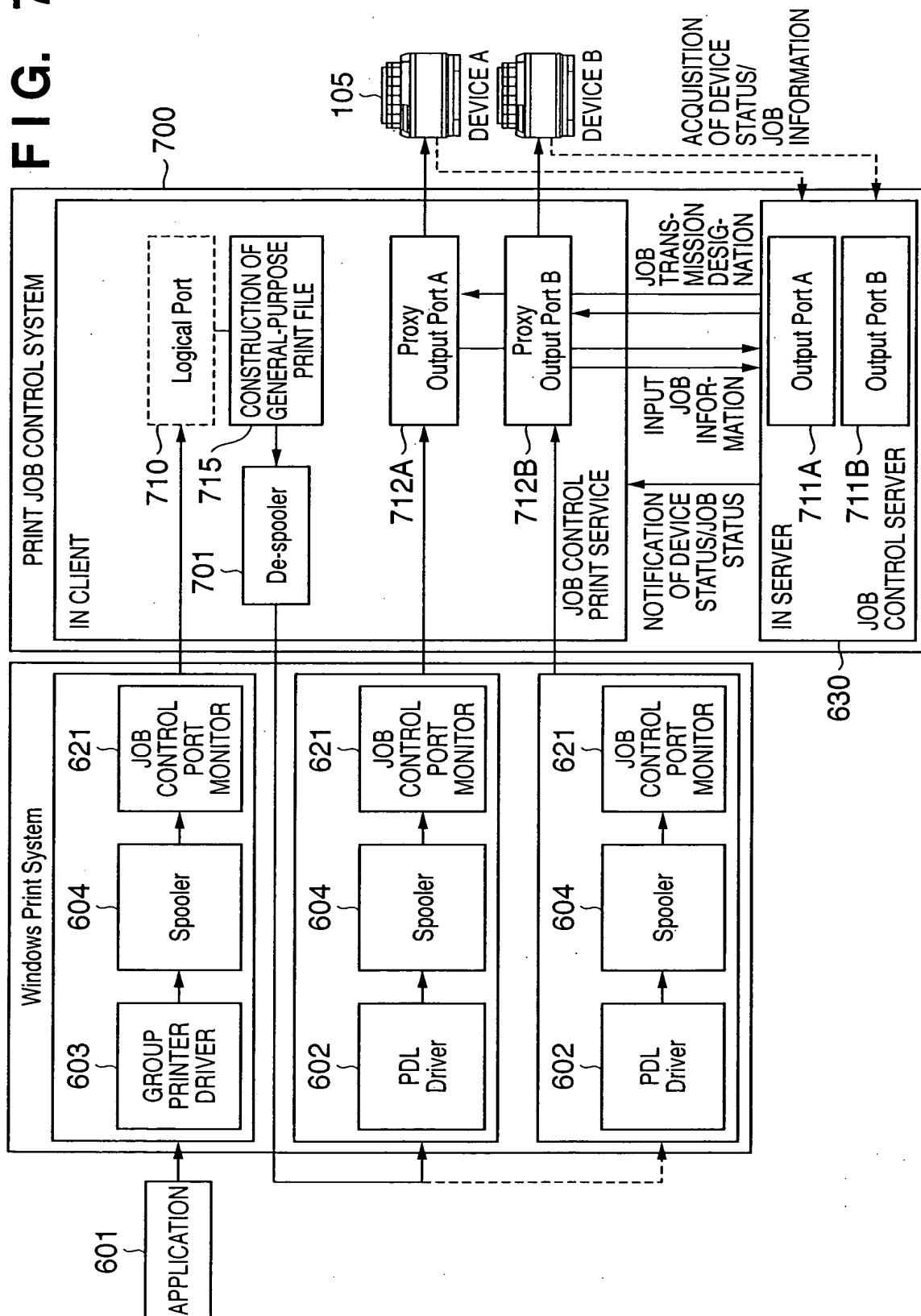
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FIG. 6



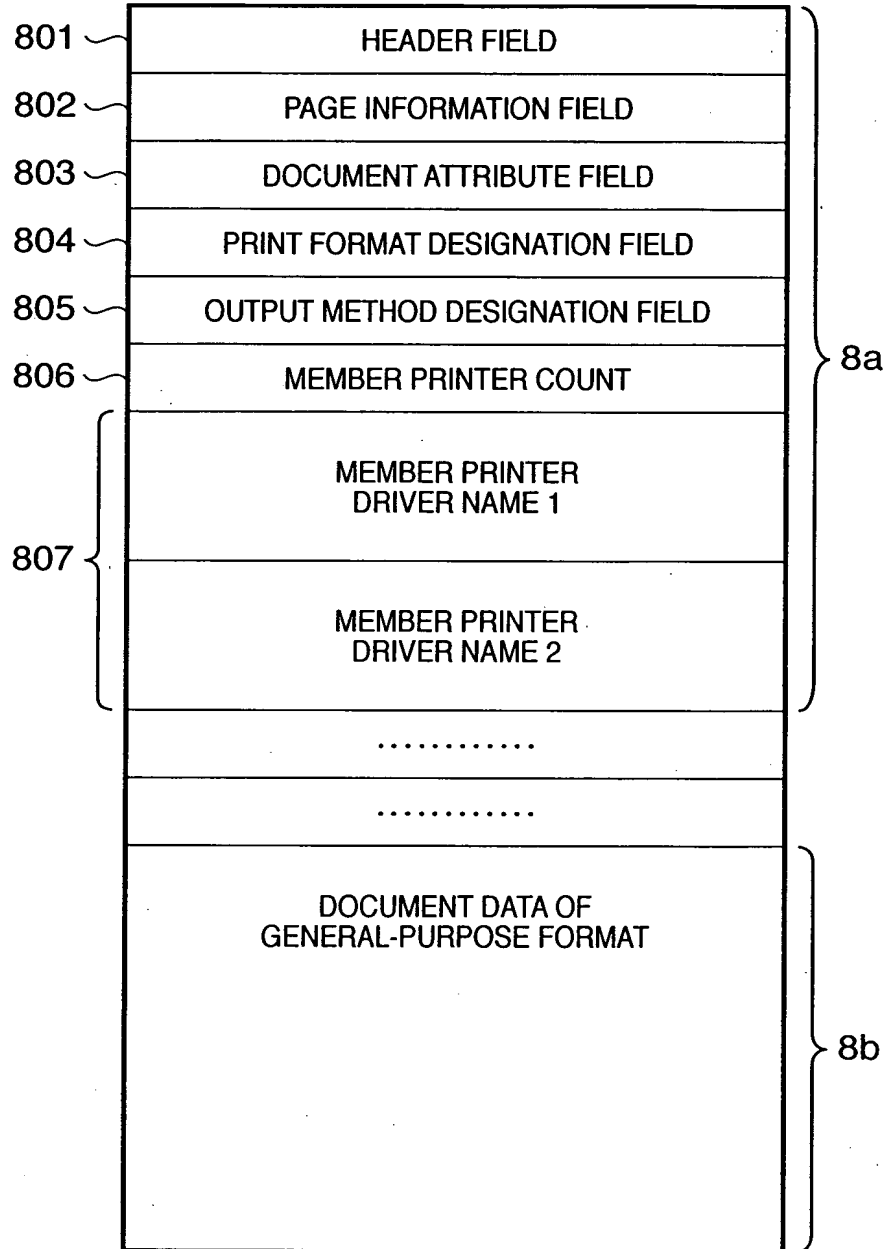
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FIG. 7



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FIG. 8



PRINT

?

✕

PRINTER

PRINTER NAME (N):

STATUS:

TYPE:

WHERE:

COMMENT:

PRINTER 1

PRINTER 1 ~ 1003

PRINTER 2

PRINTER 3

PRINTER 4

PRINTER 5

COLOR (GROUP PRINTER A)

COLOR/MONochrome DISTRIBUTION (GROUP PRINTER B)

MONochrome (GROUP PRINTER C)

PAGE RANGE

☒ ALL (A):
 ☐ CURRENT PAGE (E):
 ☐ PAGES (G):

ENTER PAGE NUMBERS AND/OR PAGE RANGES
SEPARATED BY COMMAS. FOR EXAMPLE, 1,3,6,4-8

1004 ~ 1002

PRINT TO FILE (L)

1002

1001

COLLATE (T)

PRINT WHAT (W):

DOCUMENT

ALL PAGES

NUMBER OF PAGES PER SHEET (H):

ONE PAGE

PAPER SIZE (Z):

NONE

ENLARGEMENT/REDUCTION

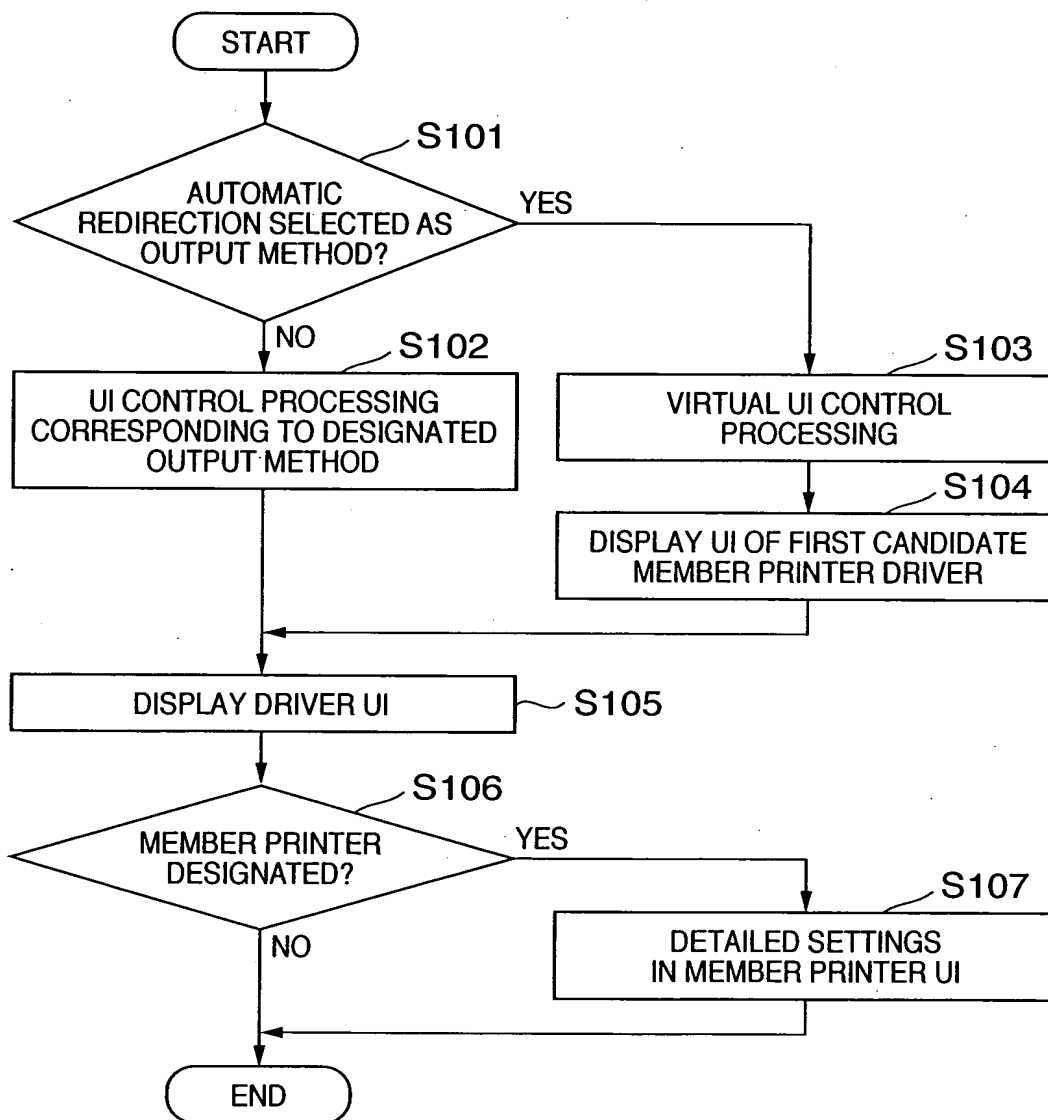
PRINT (R):

OK

CANCEL

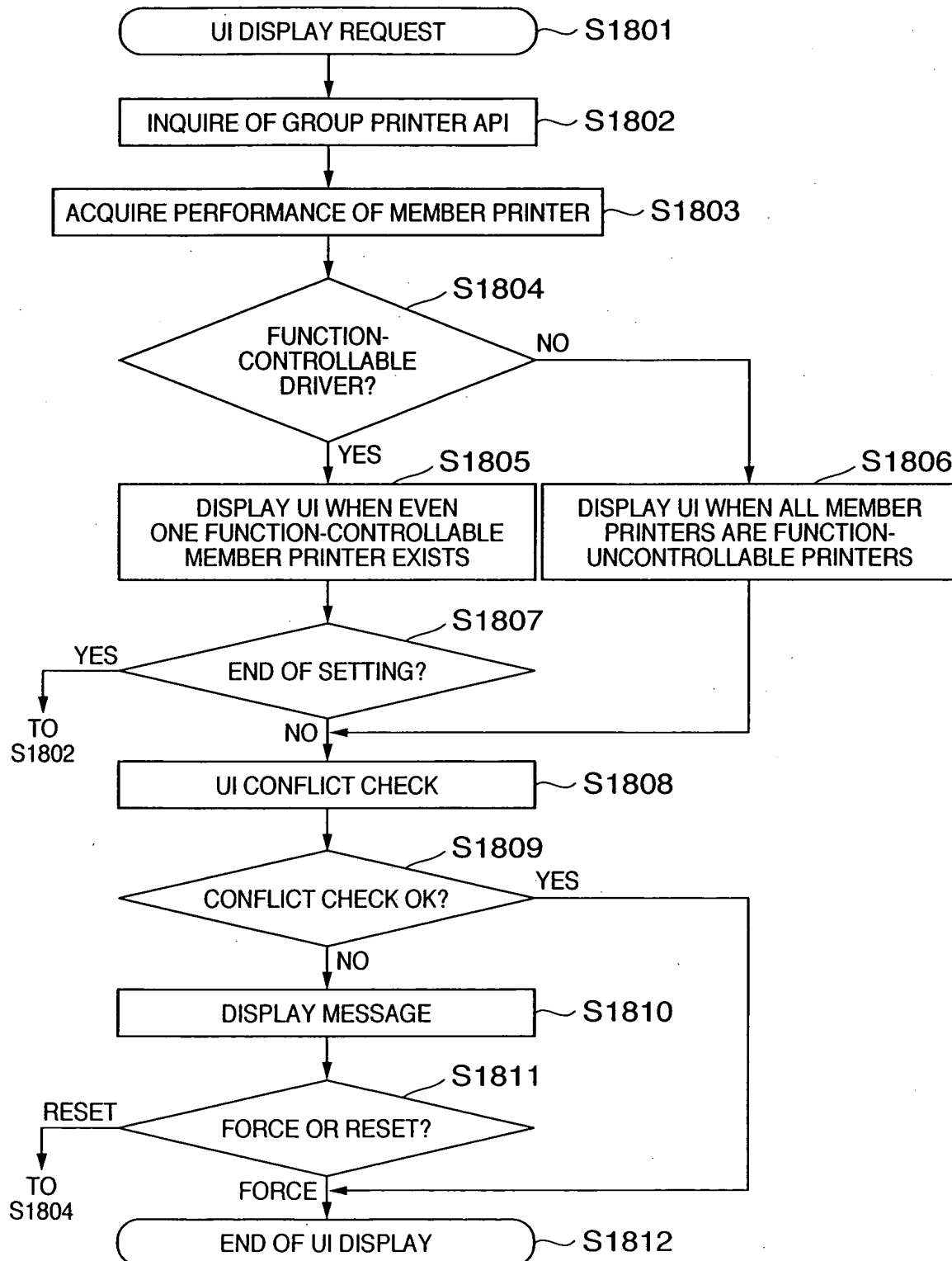
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FIG. 10



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FIG. 11



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FIG. 12A

MEMBER PRINTER ARRANGEMENT	SETTABLE ITEMS
ALL MEMBER PRINTERS ARE FUNCTION-UNCONTROLLABLE PRINTERS EVEN ONE FUNCTION-CONTROLLABLE MEMBER PRINTER EXISTS	COMMON SETTING ITEMS COMMON SETTING ITEMS + ENHANCED SETTING ITEMS

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FIG. 12B

	SETTING ITEMS
COMMON SETTING ITEMS	LOGICAL PAPER SIZE OUTPUT PAPER SIZE USER-DEFINED PAPER PRINTING ORIENTATION MARGIN SCALING NUMBER OF COPIES EACH COPY (GROUP, COLLATE) SORTING (NON COLLATE) PAGE LAYOUT LAYOUT ORDER DOUBLE-SIDED/SINGLE-SIDED RESOLUTION GRAYSCALE
ENHANCED SETTING ITEMS	ROTATION WATERMARK PAGE OPTION BINDING DIRECTION BINDING MARGIN STAPLING STAPLING POSITION SADDLE STITCH (BOOKBINDING PRINTING) MAXIMUM NUMBER OF SHEETS SUBJECTED TO SADDLE STITCH BOOKBINDING PRINTING METHOD OPENING DIRECTION BOOKBINDING MARGIN LOWER LIMIT VALUE OF BOOKBINDING MARGIN PUNCHING Z-FOLDING FOUR-PLANE POSTCARD MIXED PAPER LOADING INSERTER PAPER FEED METHOD PAPER FEED FIELD

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FIG. 13

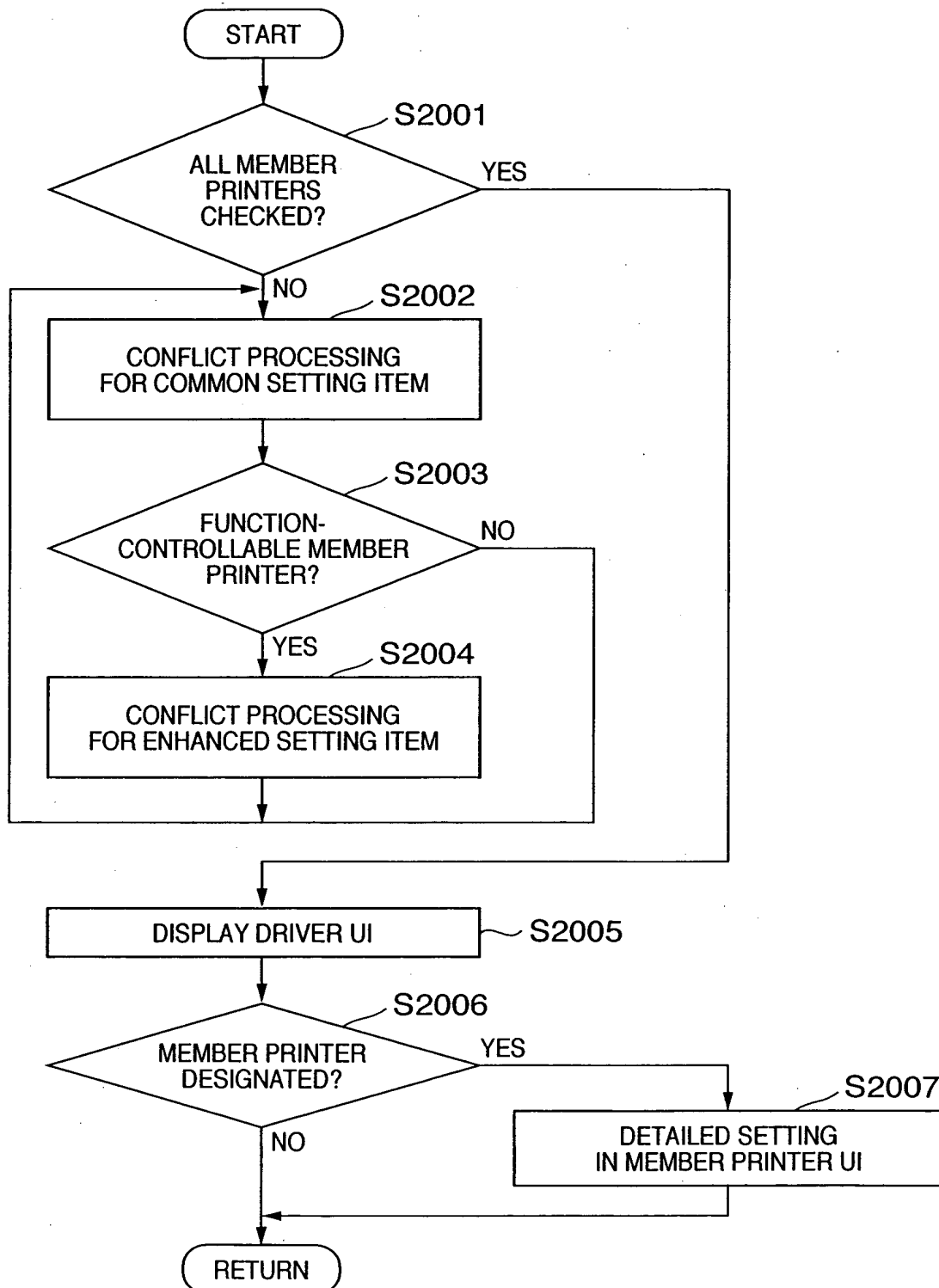


FIG. 14

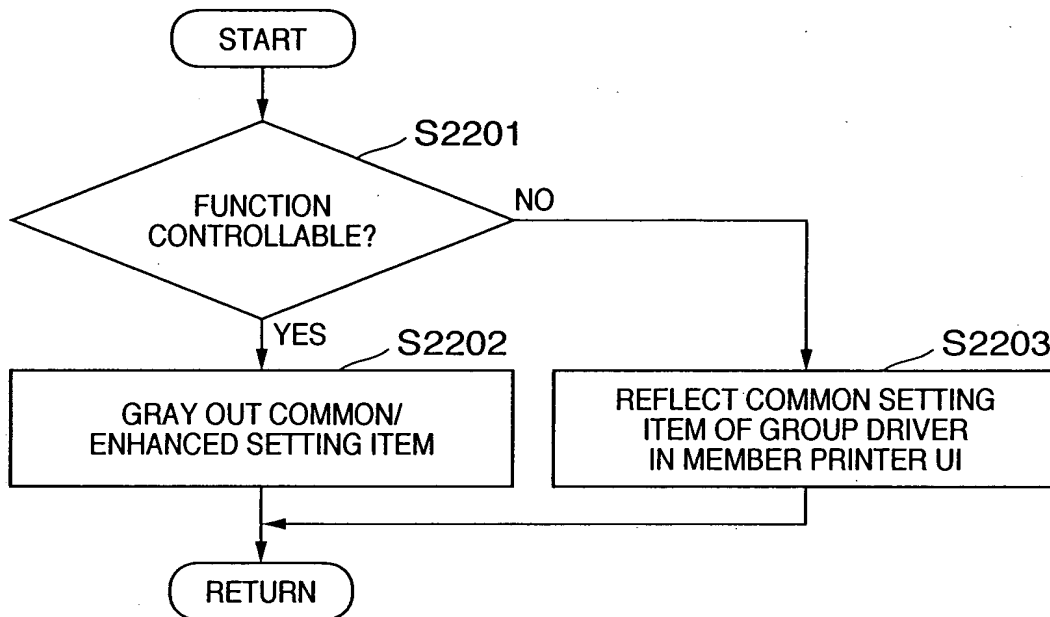
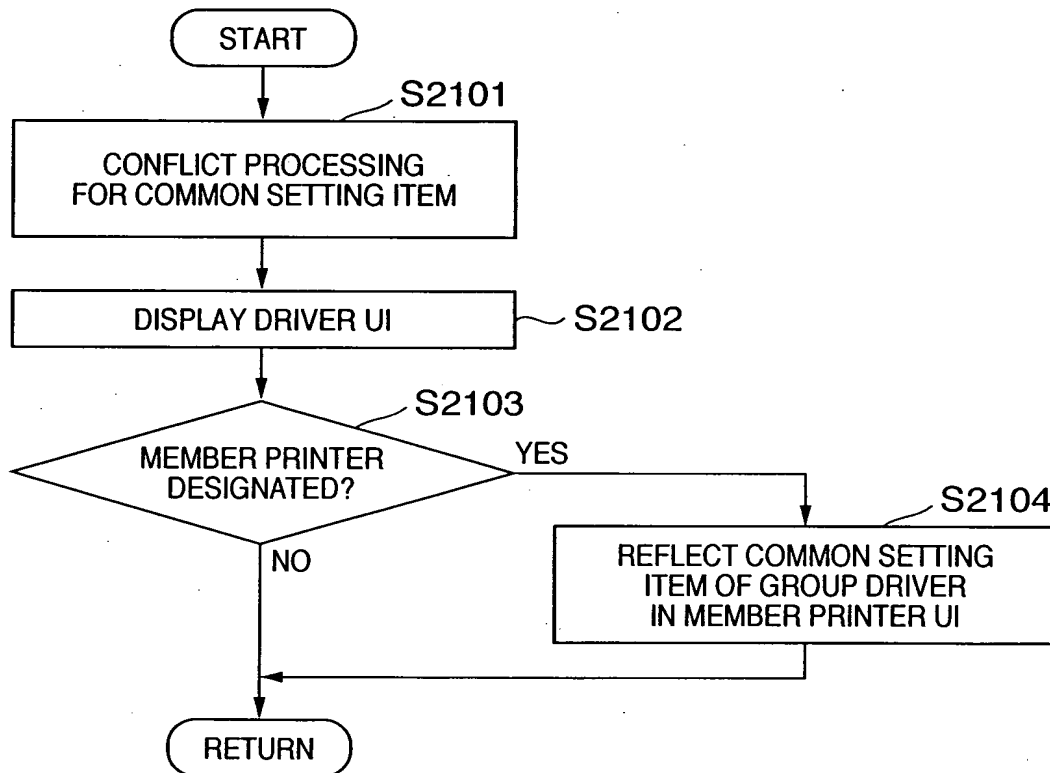


FIG. 15



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FIG. 16

160

GENERAL DETAILS SHARING PAGE SETUP FINISHING QUALITY OUTPUT METHOD

FAVORITE(E): COLOR DISPLAY

PRINTING METHOD(Y): ☒ SINGLE-SIDED PRINTING
☐ DOUBLE-SIDED PRINTING (161)
☐ BOOKBINDING PRINTING (162)
 DETAILS OF BOOKBINDING(S) (163)

BINDING DIRECTION(B):
☐ LONG-SIDE BINDING (LEFT)

A4 (SCALING: AUTO)

VIEW SETTINGS(V) ☐ COLLATE(E)

OK CANCEL APPLY(A) RESTORE DEFAULTS(R) HELP

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FIG. 17

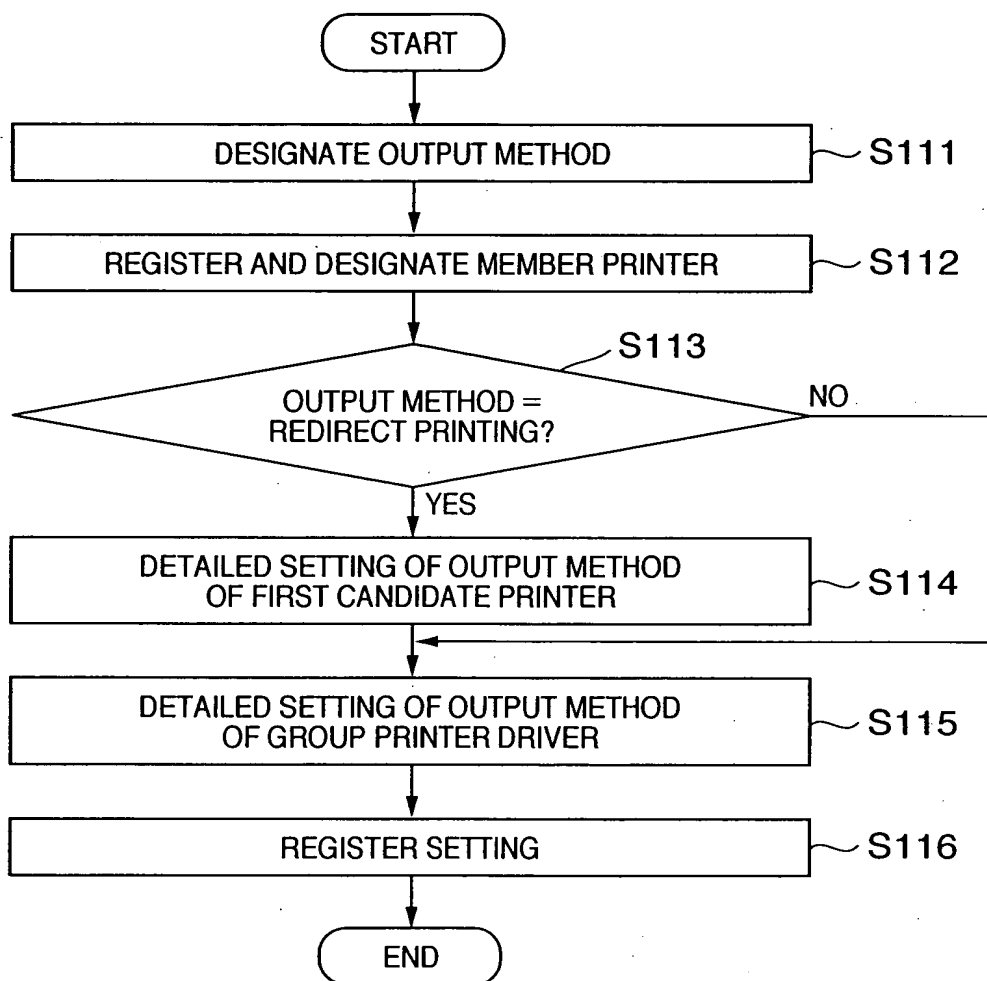



FIG. 18

12



?

X

PAGE
SETUP

FINISHING

PAPER
FEED

PRINTING
QUALITY

OUTPUT
SETUP

FAVORITE(F):

STANDARD SETTING

▼

OUTPUT METHOD(Q):

REDIRECT PRINTING

▼

OUTPUT DESTINATION(T):

12a

▼

PRINTER NAME	STATUS	PRIORITY	PRINTER FUNCTION
<input checked="" type="checkbox"/> PRINTER1		FIRST	OTHERS/DOUBLE-SIDED
<input checked="" type="checkbox"/> PRINTER2		SECOND	OTHERS/DOUBLE-SIDED/STAPLING
<input checked="" type="checkbox"/> PRINTER3		THIRD	OTHERS/DOUBLE-SIDED
<input checked="" type="checkbox"/> PRINTER4		FOURTH	OTHERS/DOUBLE-SIDED
<input checked="" type="checkbox"/> PRINTER5		FIFTH	OTHERS/DOUBLE-SIDED

12f

12c

12d

☐ GIVE PRIORITY TO MATCHING BETWEEN
☐ PRINT JOB AND PRINTER FUNCTIONA(G):

12b

PRINTER PROPERTIES(T)...

VIEW SETTINGS(V)

ADD/DELETE
PRINTER(D)...

DISPLAY LATEST
STATE(E)...

SET(G)...

12e

UPDATE OUTPUT SETUP(U)...

OK

CANCEL

HELP

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FIG. 19

16

PAGE
SETUP

FINISHING

PAPER
FEED

PRINTING
QUALITY

PRINT

FAVORITE(F): ☒ STANDARD SETTING ☐ PRINT

ORIGINAL
SIZE(S): A4

OUTPUT PAPER
SIZE(Z): MATCH ORIGINAL SIZE

COPIES(C): 1 COPIES (1~2000)

ORIENTATION(T): ☒ PORTRAIT ☐ LANDSCAPE

PAGE
LAYOUT(L): ONE PAGE/SHEET (STANDARD)

A4 (SCALING-AUTO) ☐ MANUAL SCALING(M): 100 % (25~100)

VIEW SETTINGS(V)

PAGE OPTIONS(N)

RESTORE
DEFAULTS(R)

OK

CANCEL

APPLY(A)

HELP

12

PAGE
SETUP

FINISHING

PAPER
FEED

PRINTING
QUALITY

OUTPUT SETUP

FAVORITE(F): ☒ STANDARD SETTING ☐ REDIRECT PRINTING

OUTPUT METHOD(Q): REDIRECT PRINTING

OUTPUT DESTINATION(T):

PRINTER NAME	STATUS	PRIORITY	PRINTER FUNCTION
<input checked="" type="checkbox"/> PRINTER1		FIRST	OTHERS/DOUBLE-SIDED
<input checked="" type="checkbox"/> PRINTER2		SECOND	OTHERS/DOUBLE-SIDED/STAPLING 12-C
<input checked="" type="checkbox"/> PRINTER3		THIRD	OTHERS/DOUBLE-SIDED
<input checked="" type="checkbox"/> PRINTER4		FOURTH	OTHERS/DOUBLE-SIDED
<input checked="" type="checkbox"/> PRINTER5		FIFTH	OTHERS/DOUBLE-SIDED

12-C

VIEW
SETTINGS(V)

ADD/DELETE
PRINTER(D)...

DISPLAY LATEST
STATE(E)...

UPDATE OUTPUT
SETUP(U)...

OK

CANCEL

HELP